



DEPARTMENT OF THE NAVY
OFFICE OF NAVAL RESEARCH
875 NORTH RANDOLPH STREET
SUITE 1425
ARLINGTON, VA 22203-1995

IN REPLY REFER TO:

5720
Ser BD042/037
ONR FOIA 16-002
February 1, 2016

Mr. Daniel Ernsberger
Behrend and Ernsberger, PC
12th Floor, Park Building
355 Fifth Avenue
Pittsburgh, PA 15222

Dear Mr. Ernsberger:

This is the final response to your Freedom of Information Act (FOIA) request received by the Office of Naval Research (ONR) on September 25, 2015. You made a series of requests related to a technology called "Adaptive Cross Approximation" and individuals, universities and companies who may have contracts utilizing it. On January 19, you adjusted your request to the contracts we found mentioning two of the individuals named in your first request. A copy of that request and the subsequent email are included with this letter.

Parts of the records you requested have been redacted under 5 U.S.C. § 552 (b) (4) and 5 U.S.C. § 552 (b) (6), better known as Exemptions 4 and 6. We consider individual unit prices to be confidential commercial information exempt from disclosure under Exemption 4. We also redacted signatures, which are personal information exempt from disclosure under Exemption 6. Since you indicated you are willing to accept clearly releasable information, we do not consider these redactions to be a denial, or partial denial, of your request.

The redacted documents are attached. We have classified you as a "commercial use" requester. As such, we may charge you for all search, review, and duplication costs for processing this request. Accordingly, we are charging you \$59.00 for 100 pages of partially redacted documents and one (1) hour of professional review time. Please forward a check or a money order for \$59.00 within 30 days from the date of this letter payable to the Treasury of the United States. You should mail your check to:

Office of Naval Research
Code BD042, Room 620
One Liberty Center
875 North Randolph Street
Arlington VA 22203-1995

To ensure that your account is credited, you must reference ONR FOIA request 16-002 on your check or money order and attach it to a copy of this letter. If we do not receive your payment within 30 days, ONR may institute a collection action under Federal debt collection statutes. These statutes provide for recovery of interest and administrative costs and penalty charges for handling a delinquent debt owed to the government.

If you have any questions, please contact Mr. Jason Towns at (703) 696-5361 or ONRFOIA@navy.mil. Please reference ONR FOIA 16-002 in your correspondence regarding this case.

Sincerely,


Kathy Thompson
FOIA Officer

Attachments:
As stated

RECORD OF FREEDOM OF INFORMATION (FOI) PROCESSING COST						REPORT CONTROL SYMBOL DD-DA&M(A)1365		
Please read instructions on back before completing form.								
1. REQUEST NUMBER 16-002		2. TYPE OF REQUEST (X one) <input checked="" type="checkbox"/> a. INITIAL <input type="checkbox"/> b. APPEAL		3. DATE COMPLETED (YYYYMMDD) 20160129		4. ACTION OFFICE ONR		
5. CLERICAL HOURS (E-9/GS-8 and below)				FEE CODE	(1) TOTAL HOURS	(2) HOURLY RATE	(3) COST	
a. SEARCH				1		X \$20.00 =	0.00	
b. REVIEW/EXCISING				2			0.00	
c. OTHER ADMINISTRATIVE COSTS				3			0.00	
6. PROFESSIONAL HOURS (O-1 - O-6/GS-9-GS-15)/CONTRACTOR					(1) TOTAL HOURS	(2) HOURLY RATE	(3) COST	
a. SEARCH					1	X \$44.00 =	0.00	
b. REVIEW/EXCISING					2		1.00	44.00
c. OTHER/COORDINATION/DENIAL					3			0.00
7. EXECUTIVE HOURS (O-7 - ES 1 and above)					(1) TOTAL HOURS	(2) HOURLY RATE	(3) COST	
a. SEARCH					1	X \$75.00 =	0.00	
b. REVIEW/EXCISING					2			0.00
c. OTHER/COORDINATION/DENIAL					3			0.00
8. COMPUTER SEARCH					(1) TOTAL TIME	(2) RATE	(3) COST	
a. MACHINE TIME (Not PC, desktop, laptop)					4	X \$20.00/hr =	0.00	
b. PROGRAMMER/OPERATOR TIME (Human)								
(1) Clerical Hours					1		0.00	
(2) Professional Hours					1		0.00	
9. OFFICE MACHINE COPY REPRODUCTION					(1) NUMBER	(2) RATE	(3) COST	
a. PAGES REPRODUCED FOR FILE COPY					3	X .15 =	0.00	
b. PAGES RELEASED					5		100	15.00
10. PRE-PRINTED PUBLICATIONS					(1) TOTAL PAGES	(2) RATE	(3) COST	
a. PAGES PRINTED					5	.02	0.00	
11. COMPUTER PRODUCT OUTPUT/ACTUAL COST CHARGES					(1) NUMBER	(2) ACTUAL COST	(3) COST	
a. TAPE/DISC/CD					6	X =	0.00	
b. PAPER PRINTOUT					3		0.00	
12. OTHER ADMINISTRATIVE FEES					(1) NUMBER	(2) ACTUAL COST	(3) COST	
a. ALL POSTAGE/ADMINISTRATIVE (See instructions)					3	=	0.00	
13. AUDIOVISUAL MATERIALS					(1) NUMBER	(2) ACTUAL COST	(3) COST	
a. MATERIALS REPRODUCED					4	=	0.00	
14. SPECIAL SERVICES					(1) NUMBER	(2) ACTUAL COST	(3) COST	
a. ALL SPECIAL SERVICES (See instructions)					6	=	0.00	
15. MICROFICHE REPRODUCED					5	.25	0.00	
FEE CODES 1 Chargeable to "commercial" requesters. Chargeable to "other" requesters after deducting 2 hours. 2 Chargeable to "commercial" requesters only. 3 Not chargeable to any fee category. 4 Chargeable to "commercial". Chargeable to "other" after deduction of the equivalent of 2 hours. (Example: deduct \$88.00 professional rate.) 5 Chargeable to all fee categories after deduction of 100 pages (DOES NOT include "commercial"). 6 Chargeable to all fee categories. No deductions.					16. FOR FOI OFFICE USE ONLY a. TOTAL COLLECTABLE FEES b. TOTAL PROCESSING FEES \$59.00 c. TOTAL CHARGED d. FEES WAIVED/REDUCED (X one) Yes No e. FEES NOT APPLICABLE (X one) Yes No See Chapter 6, Fee Schedule, DoD 5400.7-R, to determine appropriate assessment of fees.			

INSTRUCTIONS FOR COMPLETING DD FORM 2086

This form is used to record costs associated with the processing of a Freedom of Information request.

1. REQUEST NUMBER - First two digits will express Calendar Year followed by dash (-) and Component's request number, i.e., 03-001.

2. TYPE OF REQUEST - Mark the appropriate block to indicate initial request or appeal of a denial.

3. DATE COMPLETED - Enter year, month and day, i.e., 20031001.

4. ACTION OFFICE - Enter the office processing this request.

5. CLERICAL HOURS - For each applicable activity category, enter time expended to the nearest 15 minutes in the total hours column. The activity categories are:

Search - Time spent in locating from the files the requested information.

Review/Excising - Time spent in reviewing the document content and determining if the entire document must retain its classification or segments could be excised thereby permitting the remainder of the document to be declassified. In reviews for other than classification, FOI exemptions 2 through 9 should be considered.

Other Administrative - Time spent in activity other than above, such as hand carrying documents to other locations, restoring files, etc.

- Multiply the time in the total hours column of each category by the hourly rate and enter the cost figures for each category.

6. PROFESSIONAL HOURS - For each applicable activity category, enter time expended to the nearest 15 minutes in the total hours column. The activity categories are:

Search/Review/Excising/Other - See explanation above.

- Multiply the time in the total hours column of each category by the hourly rate and enter the cost figures for each category.

7. EXECUTIVE HOURS - For each applicable activity category, enter the time expended to the nearest 15 minutes in the total hours column. The activity categories are:

Search/Review/Excising/Other - See explanation above.

- Multiply the time in the total hours column of each category by the hourly rate and enter the cost figures for each category.

8. COMPUTER SEARCH - When the amount of government-owned (not leased) computer processing machine time required to complete a search is known, and accurate cost information for operation is available, enter the time used and the rate. Then, calculate the total cost which is fully chargeable to the requester.

- Programmer and operator costs are calculated using the same method as in items 5 and 6. This cost is also fully chargeable to requesters as computer search time.

9. OFFICE COPY REPRODUCTION - Enter the number of pages reproduced and/or released.

- Multiply by the rate per copy and enter cost figures.

10. PRE-PRINTED PUBLICATIONS - Enter total pages.

- Multiply the total number of pages by the rate per page and enter cost figures.

11. COMPUTER COPY - Enter the total number of tapes and/or printouts.

- Multiply by the actual cost per tape or printout and enter cost figures.

12. OTHER ADMINISTRATIVE FEES - Covers postage (when known), correspondence preparation, other non-billable charges not covered under items 5 - 7, etc.

13. AUDIOVISUAL MATERIALS - Duplication cost is the actual cost of reproducing the material, including the wages of the person doing the work.

14. SPECIAL SERVICES - Covers items outside of the FOIA such as authenticating records at \$5.20 per seal, overnight mail at cost, and other services for which the requester agrees to reimburse the agency.

15. MICROFICHE REPRODUCED - Enter the number of copies and multiply by the rate per copy.

16. FOR FOI OFFICE USE ONLY -

Total Collectable Fees - Add the blocks in the cost column and enter total in the total collectable fees block. Apply the appropriate waiver for the category of requester prior to inserting the final figure. Further discussion of chargeable fees is contained in Chapter VI of DoD Regulation 5400.7-R.

Total Processing Fees - Add all blocks in the cost column and enter total in the total processing fees block. The total processing fees in most cases will exceed the total collectable fees.

Total Charged - Enter the total amount that the requester was charged, taking into account the fee waiver threshold and fee waiver policy.

Fees Waived/Reduced - Indicate if the cost of processing the request was waived or reduced by placing an "X" in the "Yes" block or the "No" block.

Fees Not Applicable - Indicate if the cost of processing the request was not applicable by placing an "X" in the "Yes" block or the "No" block.

Towns, Jason C CTR ONRA, BD04C

From: behrendlawyers@aol.com
Sent: Tuesday, January 19, 2016 11:02
To: Towns, Jason C CTR ONRA, BD04C
Subject: Re: [Non-DoD Source] Re: ONR FOIA 16-002

Dear Mr Towns

Thank you for calling me on January 15th (which I returned on the 19th). I understand that you have found several items. Please send me what you have found.

Sincerely
Daniel Ernsberger

-----Original Message-----

From: Towns, Jason C CTR ONRA, BD04C, BD04C <jason.towns.ctr@navy.mil>
To: behrendlawyers <behrendlawyers@aol.com>
Sent: Mon, Jan 11, 2016 7:12 am
Subject: RE: [Non-DoD Source] Re: ONR FOIA 16-002

Mr. Ernsberger:

We have your request about half finished. Your request is being researched thoroughly, and that takes time when there are so many questions involved. We will try to provide you with an answer as soon as we can.

V/r,

Jason

-----Original Message-----

From: behrendlawyers@aol.com [mailto:behrendlawyers@aol.com <mailto:behrendlawyers@aol.com?>]
Sent: Monday, January 11, 2016 10:07 AM
To: Towns, Jason C CTR ONRA, BD04C
Subject: [Non-DoD Source] Re: ONR FOIA 16-002

January 11, 2016

Dear Mr. Towns:

This concerns ONR FOIA 16-002. I understand that we have made a lengthy request with multiple questions. Can you give us a partial response as the results come in.

Please tell me whether there is a means for following the progress of our FOIA request on line. If so where do I find the online information and what do I have to do to access the online information.

Sincerely
Daniel W. Ernsberger

-----Original Message-----

From: Towns, Jason C CTR ONRA, BD04C, BD04C <jason.towns.ctr@navy.mil>
To: behrendlawyers <behrendlawyers@aol.com>
Cc: Harrid, April D CTR ONR, BD04, BD04 <april.harrid.ctr@navy.mil>
Sent: Tue, Dec 8, 2015 9:03 am
Subject: RE: [Non-DoD Source] ONR FOIA 16-002

Mr. Ernsberger:

Due to the number of questions in your letter, it took longer than expected to run a search for relevant documents. We expect to have an answer to you soon.

V/r,

Jason

-----Original Message-----

From: behrendlawyers@aol.com [mailto:behrendlawyers@aol.com <mailto:behrendlawyers@aol.com?> <mailto:behrendlawyers@aol.com <mailto:behrendlawyers@aol.com?> ?>]
Sent: Tuesday, December 08, 2015 9:02 AM
To: Towns, Jason C CTR ONRA, BD04C
Subject: [Non-DoD Source] ONR FOIA 16-002

Jason C. Towns
Sr. FOIA Analyst
Contractor Support to ONR Code BD042
Data Federal Corporation
Office of Naval Research
875 N. Randolph St.
Arlington, VA 22203
703-696-5361
jason.towns.ctr@navy.mil

Dear Mr. Towns:

I understand that it will be at least 15 days to complete this process. Probably longer. Please tell me how it is going.

Sincerely
Daniel Ernsberger

BEHREND & ERNSBERGER, P.C.

ATTORNEYS AT LAW

PARK BUILDING - 12th FLOOR
355 FIFTH AVENUE
PITTSBURGH, PA 15222

VOICE (412) 391-2515
FAX (412) 391-2762

BARBARA BEHREND ERNSBERGER
DANIEL W. ERNSBERGER
KENNETH R. BEHREND
KEVIN M. MILLER
RICHARD T. ERNSBERGER

KENNETH W. BEHREND
(1924 - 2009)

DANIEL W. CANNON
(1920 - 1998)

October 15, 2015

Jason C. Towns
Sr. FOIA Analyst
Contractor Support to ONR Code BD042
Data Federal Corporation
Office of Naval Research
875 N. Randolph Street
Arlington, VA 22203

RE: Freedom of Information Act Request

Dear Mr. Towns:

Thank you for your e-mail of October 5, 2015. You have asked for the following:

- 1) A statement that we are making an FOIA request
- 2) A reasonable description of the records we are requesting
- 3) A statement that we agree to pay fees associated with the release of materials.
- 4) My name, complete mailing address and phone number.

Please accept this response to your email as a FOIA request. A reasonable description of the records requested follows. We agree to pay reasonable fees. My name and address is Daniel W. Ernsberger, 1200 Park Building, 355 Fifth Avenue, Pittsburgh Pa 15222. My phone number is 412 391 2515.

The reasonable description of the documents requested is:

1. All requests for bids, and contract documents, that resulted in Dr Francis Canning receiving any government contracts. This includes but is not limited to:
 - a. Contract N000014-99-C-0005,
 - b. Contract DAS60-00-M-0077,
 - c. Contract N00014-04-C-0074
2. All job offers, and contract documents, that resulted in Dr Francis Canning receiving any government employment. This includes but is not limited to:
 - a. Dr. Francis X. Canning was employed by the Naval Weapons Center at China Lake from July 12, 1982 until August 1987 (approximately August 10).
 - b. He has been employed by the Naval Air Warfare Center, Weapons Division, at China

Tools and Environments (CREATE) Project. John D'Angelo john.dangelo@us.af.mil of the Air Force Research Laboratory is point of contact

- d. Other contracts known to John D'Angelo that make use of "Adaptive Cross Approximation" methods.
- 8. All requests for bids , and other contract documents, that resulted in Yale U receiving a contract that makes use of "Adaptive Cross Approximation" methods
 - a. Vladimir Rokhlin
 - b. Other investigators at Yale University
- 9. All requests for bids , and other contract documents, that resulted in HRL Laboratories (formerly Hughes Research Labs in Malibu) receiving a contract that makes use of "Adaptive Cross Approximation" methods
- 10. All requests for bids that resulted in University of Illinois receiving a contract that makes use of "Adaptive Cross Approximation" methods
- 11. All requests for bids , and other contract documents, that resulted in Bowling receiving a contract that makes use of "Adaptive Cross Approximation" methods


If you call me at (412) 391 2515, we may be able to streamline this document request. Our goal is to find the government use of the patented "Adaptive Cross Approximation" methods. If you know what I am talking about then this is a relatively straight forward request. If you are not familiar with "Adaptive Cross Approximation" methods then you will have to give us all the contract documents requested and let us decide whether the contracts are related to the patented "Adaptive Cross Approximation" methods. Therefor, I need to know your level of understanding of "Adaptive Cross Approximation" methods before I can simplify my request.

Additionally we may be able to streamline the document request to documents that do not require redaction. Our goal is to find the government use of the patented "Adaptive Cross Approximation" methods. If the "Request for Bid" clearly identifies the subject matter of the contract we may be able to limit our request to the "request for bid" and delete the phrase "and other contract documents" from the above request for documents and thereby limit the request to documents that do not require redaction.

Please call me at (412) 391 2515.

Sincerely,

BEHREND & ERNSBERGER, P.C.



BEHREND & ERNSBERGER, P.C.

355 Fifth Avenue

Park Building, 12th Floor

Pittsburgh, PA 15222

(412) 391-2515 - Telephone

(412) 391-2762 - Facsimile

behrendlawyers@aol.com

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			CONTRACT ID CODE D0-C9(U)		PAGE OF PAGES 1 2		
2. AMENDMENT/MODIFICATION NO. P00001		3. EFFECTIVE DATE SEE BLOCK 16C		4. REQUISITION/PURCHASE REG. NO. 04PR03521-01		5. PROJECT NO. (if applicable) N.A.	
6. ISSUED BY CODE		N00014		7. ADMINISTERED BY (if other than item 6) SCD-C		CODE S3911A	
OFFICE OF NAVAL RESEARCH ONR 254 Brian K. Murphy (703)696-0030 E-mail brian_murphy@onr.navy.mil BALLSTON CENTRE TOWER ONE 800 NORTH QUINCY STREET ARLINGTON, VA 22217-5660				DCM Pittsburg Moorhead Federal Building, Room 1612 1000 Liberty Avenue Pittsburg, PA 15222-4190			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SIMPLY SPARSE TECHNOLOGIES 59 DELROSE DRIVE MORGANTOWN, WV 26508-0948				<input checked="" type="checkbox"/> 9.A. AMENDMENT OF SOLICITATION NO. N.A. <input type="checkbox"/> 9B. DATED (SEE ITEM 11) <input checked="" type="checkbox"/> 10A. MODIFICATION OF CONTRACT/ORDER NO. N00014-04-C-0074 10B. DATED (SEE ITEM 13) 19 MAR 2004			
CODE 1GYT5		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of the amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

SEE THE ATTACHED FINANCIAL ACCOUNTING DATA (FAD) SHEET(S)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED ITEM 14.

☒ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
AUTHORITY FOR OTHER THAN FULL AND OPEN COMPETITION:

☒ D. OTHER (Specify type of modification and authority)
ALLOTMENT OF FUNDS per FAR 52.232-22, Limitation of Funds.

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

THE PURPOSE OF THIS MODIFICATION IS TO PROVIDE FOR AN INCREMENT OF FUNDING. ACCORDINGLY, THE FUNDING CITED ON THE ATTACHED FINANCIAL ACCOUNTING DATA SHEET IS MADE AVAILABLE.

SEE PAGE TWO

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) R. Brian Bradley Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY [REDACTED]	16C. DATE SIGNED APR 22 200
(Signature of person authorized to sign) SN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE NAVOCNR OVERPRINT (3-89)		(Signature of Contracting Officer) 30-105	

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

Effective as of the date of this Modification:

1. Section B is revised to read as follows:

SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

ITEM NO.	SUPPLIES/SERVICES	ESTIMATE D COST	FIXED FEE	TOTAL ESTIMATED COST & FIXED FEE
0001	The Contractor shall furnish the necessary personnel and facilities to conduct the research effort and provide reports and data as described in Section C.	(b)(4)	(b)(4)	(b)(4)
000101	ACRN: AA (b)(4)			
TOTAL ESTIMATED CONTRACT CONSIDERATION:		(b)(4)	(b)(4)	(b)(4)

2. The funds available for performance of this contract are increased by the amount set forth in the attached Financial Accounting Data Sheet.
3. Section G, paragraph 1.5., entitled, "Allotment of Funds" is revised to read as follows:

Allotment of Funds

- (a) It is hereby understood and agreed that this contract will not exceed a total amount of (b)(4); including an estimated cost of (b)(4) and a fixed fee of (b)(4).
- (b) The total amount presently available for payment and allotted to CLIN 0001 of this contract is (b)(4); including an estimated cost of (b)(4) and a fixed fee of (b)(4). It is estimated that the amount allotted of (b)(4) will cover the period from date of award through 12 June 2005.

This modification makes no change to the total estimated cost and fixed fee of this contract, and all other terms and conditions remain unchanged.

Contract Distribution Sheet

PR Number: 04PR03521-01
Contract Number: N00014-04-C-0074-/P00001
Specialist: BKM ONR: 254

Distribution Date:

APR 26 2004

Distributed By:

(b) (5)

— PCO, ONR Arlington (Original)

— Contractor (Duplicate Original)
Short Contractor Code and Address:
FXCT
FRANCIS X CANNING
SIMPLY SPARSE TECHNOLOGIES
59 DELROSE DRIVE
MORGANTOWN, WV 26508-0948

— ACO
ACO MILSCAP Code & Address S3911A:
DCM PITTSBURGH
FEDERAL BLDG ROOM 1612
1000 LIBERTY AVE
PITTSBURGH, PA 15222-4190

— Payment Office
DODAAD Code and Address HQ0337:
DFAS COLUMBUS CENTER DFAS CO NORTH ENTITLEMENT OPERATIONS
PO BOX 182266
COLUMBUS, OH 43218-2266

— ONR:
00CC11
Program Officer: Luise Couchman, ONR 334

APR 23 2004

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		CONTRACT ID CODE D0-C9(U)		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. P00003	3. EFFECTIVE DATE SEE BLOCK 16C	4. REQUISITION/PURCHASE REG. NO. 06PR01419-00	5. PROJECT NO. (if applicable) N.A.		
6. ISSUED BY CODE	N00014	7. ADMINISTERED BY (if other than item 6) SCD-C		CODE	S3911A
OFFICE OF NAVAL RESEARCH ONR 254 Brian Murphy (703)696-0030 E-mail: brian_murphy@onr.navy.mil 875 North Randolph St, Suite 1425 Arlington VA 22203-1995		DCMA PITTSBURGH VA HIGHLAND DRIVE FACILITY 7180 HIGHLAND DRIVE BLDG 6 PITTSBURGH, PA 15206-1297			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) FRANCIS X CANNING SIMPLY SPARSE TECHNOLOGIES 59 DELROSE DRIVE MORGANTOWN, WV 26508-0948		(3)	9.A. AMENDMENT OF SOLICITATION NO. N.A.		
		<input type="checkbox"/>	9B. DATED (SEE ITEM 11)		
		<input checked="" type="checkbox"/>	10A. MODIFICATION OF CONTRACT/ORDER NO. N00014-04-C-0074		
			10B. DATED (SEE ITEM 13) 19 MAR 2004		
CODE 1GYT5	FACILITY CODE				
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of the amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

SEE THE ATTACHED FINANCIAL ACCOUNTING DATA (FAD) SHEET(S)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED ITEM 14.

(3)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input type="checkbox"/>	
	C. SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: AUTHORITY FOR OTHER THAN FULL AND OPEN COMPETITION:
<input checked="" type="checkbox"/>	D. OTHER (Specify type of modification and authority) ALLOTMENT OF FUNDS per FAR 52.232-22, Limitation of Funds.
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return ___ copies to the issuing office.	

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

THE PURPOSE OF THIS MODIFICATION IS TO PROVIDE FOR AN INCREMENT OF FUNDING. ACCORDINGLY, THE FUNDING CITED ON THE ATTACHED FINANCIAL ACCOUNTING DATA SHEET IS MADE AVAILABLE.

SEE PAGE TWO

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	OCT 8 4 2002
SN 7540-01-152-8070		30-105	
PREVIOUS EDITION UNUSABLE		STANDARD FORM 30 (REV. 10-83)	
NAVCNOR OVERPRINT (3-88)		Prescribed by GSA	
		FAR (48 CFR) 53.243	

Effective as of the date of this Modification:

1. Section B is revised to read as follows:

SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

ITEM NO.	SUPPLIES/SERVICES	ESTIMATED COST	FIXED FEE	TOTAL ESTIMATED COST & FIXED FEE
0001	The Contractor shall furnish the necessary personnel and facilities to conduct the research effort and provide reports and data as described in Section C.			\$654,314.00
000101	ACRN: AA [REDACTED]			
000102	ACRN: AB [REDACTED]			
000103	ACRN: AC [REDACTED]			
TOTAL ESTIMATED CONTRACT CONSIDERATION:				\$654,314.00

2. The funds available for performance of this contract are increased by the amount set forth in the attached Financial Accounting Data Sheet.
3. Section G, paragraph 1.5., entitled, "Allotment of Funds" is revised to read as follows:

"Allotment of Funds"

(a) It is hereby understood and agreed that this contract will not exceed a total amount of \$654,314.00; including an estimated cost of [REDACTED] and a fixed fee of [REDACTED]

(b) The total amount presently available for payment and allotted to CLIN 0001 of this contract is [REDACTED]; including an estimated cost of [REDACTED] and a fixed fee of [REDACTED]. It is estimated that the amount allotted of [REDACTED] will cover the period from date of award through 10 November 2006."

This modification makes no change to the total estimated cost and fixed fee of this contract, and all other terms and conditions remain unchanged.

Contract Distribution Sheet

PR Number: 06PR01419-00
Contract Number: N00014-04-C-0074-/P00003
Specialist: BKM ONR: 254

Distribution Date:

OCT 28 2005

Distributed By:



— PCO, ONR Arlington (Original)


— Contractor (Duplicate Original)
Short Contractor Code and Address:
FXCT
FRANCIS X CANNING
SIMPLY SPARSE TECHNOLOGIES
59 DELROSE DRIVE
MORGANTOWN, WV 26508-0948


— ACO
ACO MILSCAP Code & Address S3911A:
DCMA PITTSBURGH
VA HIGHLAND DRIVE FACILITY
7180 HIGHLAND DRIVE BLDG 6
PITTSBURGH, PA 15206-1297

— Payment Office
DODAAD Code and Address HQ0337:
DFAS COLUMBUS CENTER DFAS CO NORTH ENTITLEMENT OPERATIONS
PO BOX 182266
COLUMBUS, OH 43218-2266

— ONR:
00CC11
Program Officer: Luise Couchman, ONR 334

OCT 25 2005

		<h1 style="text-align: center;">AWARD/ MODIFICATION</h1>		3a. ISSUED BY: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995																															
				3b. CFDA: 12.300																															
1. INSTRUMENT TYPE: Grant		2. AUTHORITY: 10 USC 2358, 31 USC 6304		3c. DUNS NUMBER:																															
4. AWARD NO.: N00014-11-1-0584		5. MODIFICATION NO.: P00003		6. MODIFICATION TYPE: Increment																															
8. ACTIVITY/AGENCY PROPOSAL NO.: N/A		9. RECIPIENT PROPOSAL NO.: N/A		7. PR NO.: 13PR01818-00																															
13. ISSUED TO 13a. ADDRESS: UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION OFFICE OF GRANTS AND CONTRACTS 201 KINKEAD HALL LEXINGTON, KY 40506-0057		13b. CAGE: 5B333		13c. ED/VEFT NUMBER: 1150AF																															
13d. BUSINESS OFFICE CONTACT: DEBORAH K. DAVIS		13e. TELEPHONE NUMBER: (859) 2579420		13f. EMAIL ADDRESS: ddavis@email.uky.edu																															
14. REMITTANCE ADDRESS (IF DIFFERENT FROM BLOCK 13): Same as block #13																																			
15. RESEARCH TITLE AND/OR DESCRIPTION OF PROJECT AND/OR PROPOSAL TITLE: Magneto-Stress Analysis																																			
<table border="1" style="width: 100%;"> <thead> <tr> <th>16. FUNDING</th> <th>ACTIVITY/AGENCY SHARE</th> <th>RECIPIENT SHARE</th> <th>TOTAL</th> <th>17. CURRENT FUNDING PERIOD</th> <th>18. PERIOD OF PERFORMANCE</th> </tr> </thead> <tbody> <tr> <td>PREVIOUSLY OBLIGATED:</td> <td></td> <td></td> <td></td> <td rowspan="2">N/A THROUGH N/A</td> <td rowspan="4">01-JUN-11 THROUGH 31-MAY-13</td> </tr> <tr> <td>OBLIGATED BY THIS ACTION:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL OBLIGATED ON AWARD:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>FUTURE FUNDING:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>GRANT TOTAL:</td> <td></td> <td></td> <td>\$396,967.00</td> <td></td> <td></td> </tr> </tbody> </table>						16. FUNDING	ACTIVITY/AGENCY SHARE	RECIPIENT SHARE	TOTAL	17. CURRENT FUNDING PERIOD	18. PERIOD OF PERFORMANCE	PREVIOUSLY OBLIGATED:				N/A THROUGH N/A	01-JUN-11 THROUGH 31-MAY-13	OBLIGATED BY THIS ACTION:				TOTAL OBLIGATED ON AWARD:				FUTURE FUNDING:				GRANT TOTAL:			\$396,967.00		
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FUTURE FUNDING:																																			
GRANT TOTAL:			\$396,967.00																																
19. ACCOUNTING AND APPROPRIATION DATA: See attached Financial Accounting Data Sheet (s)																																			
20a. PRINCIPAL INVESTIGATOR/RECIPIENT TECHNICAL REPRESENTATIVE: STEPHEN D. GEDNEY		21. TECHNICAL REPRESENTATIVE 21a. NAME: John D. Muench 21c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995		21b. CODE: ONR 333																															
20b. TELEPHONE NUMBER: () 859-257-3926		20c. EMAIL ADDRESS: gedney@engr.uky.edu		21d. TELEPHONE NUMBER: ((703) 588-2361																															
22. AWARDING OFFICE CONTACT 22a. NAME: Carol A. Porter		22b. CODE: ONR BD025		21e. EMAIL ADDRESS: MOENCHJ@ONR.NAVY.MIL																															
22c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995		23a. ADMINISTRATIVE OFFICE: ONR REG. OFFICE CHICAGO-N62880 230 SOUTH DEARBORN, ROOM 380 CHICAGO, IL 60604-1595 PHONE: (312) 886-5423 FAX: (312) 353-2094		23b. CODE: N62880																															
22d. TELEPHONE NUMBER: (703) 696-2587		22e. EMAIL ADDRESS: PORTER@ONR.NAVY.MIL																																	
24. SUBMIT PAYMENT REQUEST TO: Same as block #23a		25a. PAYING OFFICE: DFAS COLUMB-NAVY ACQ HQ0251 COLUMBUS, OH 43213		25b. CODE: HQ0251																															
		25c. CODE: HQ0251		26a. PATENT OFFICE: Office of Naval Research ATTN: ONR BDCC One Liberty Center 875 North Randolph Street, Suite 1425 Arlington, VA 22203-1995																															
				26b. CODE: N00014																															

AWARD NO. N00014-11-1-0584		AWARD/MODIFICATION		MODIFICATION NO. P00003	
27. SPECIAL INSTRUCTIONS:					
28. DELEGATIONS: The administration duties listed below have been delegated to the administrative office (block 23a). Upon request the awarding office contact (block 22) will make their full text available. Please direct questions to the contacts @: http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx					
Full Delegation					
29. TERMS AND CONDITIONS: The following terms and conditions are incorporated herein by reference with the same force and effect as if they were given in full text. Upon request the awarding office contact named in block 22 will make their full text available, or they can be found as described below.					
DOCUMENT					
The following documents may be found at: http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx					
UAAC Acceptance C November 2003 Agency Specific February 2011 UAWA Award A November 2003 Core June 2011					
30. OPTIONS	OPTION NO.	AMOUNT		PERIOD	
(1)					
(2)					
(3)					
(4)					
31. REPORTS: The following reports must be submitted to the indicated addressees, in the indicated quantities, within 90 days following the expiration or termination of the project. Final Technical Reports must have a SF298, Report Documentation Page, accompanying them. Unless otherwise stated in the award/modification, complete Block 12a of the SF298 as follows: "Approved for Public Release; distribution is Unlimited".					
ADDRESSEE		REPORT TYPE		COPIES	
See block #21		Final Technical Report with SF298 Interim Research Performance Report (As Required) with SF298		1 1	
See block #23a		Report of Inventions and Subcontracts - DD 882 Final Technical Report Interim Research Performance Report (As Required) Final Federal Financial Status Report - SF425 - Including Line Item 11		1 1 1 1	
Defense Technical Information Center 8725 John J Kingman Road Ste 0944 Fort Belvoir, VA 22060-6218		Final Technical Report with SF298 Interim Research Performance Report (As Required) with SF298		1 1	
See block #26a		Report of Inventions and Subcontracts - DD 882		1	
Naval Research Laboratory ATTN: CODE 5596 4555 Overlook Avenue SW Washington, DC 20375-5320		Final Technical Report Interim Research Performance Report (As Required) with SF298		1 1	
32. FOR THE RECIPIENT			33. FOR THE UNITED STATES OF AMERICA		
32a. SIGNATURE OF PERSON AUTHORIZED TO SIGN N/A - SIGNATURE NOT REQUIRED ON THIS AWARD			33a. SIGNATURE OF AWARDOFFICER 		
32b. NAME AND TITLE OF SIGNER		32c. DATE SIGNED		33b. NAME AND TITLE OF AWARD OFFICER Ellen Simonoff	
				33c. DATE SIGNED 15-NOV-12	

1. CONTRACT NUMBER (CRITICAL) N00014-11-1-0584		2. SPIN (CRITICAL)		3. MOD (CRITICAL) P00003		4. PR NUMBER 13PRO1818-00						
6. LINE OF ACCOUNTING							7.					
A. ACRN (CRITICAL)	B. APPROPRIATION (CRITICAL)	C. SUBHEAD (CRITICAL)	D. OBJ CLA	E. PRM	F. RFM	G. SA	H. AAA (CRITICAL)	I. IT	J. PAA	K. COST CODE PROJ UNIT MCC & SUF	AMOUNT (CRITICAL)	NAVY INTERNAL USE ONLY REF DOC/ACRN
AD	1731319	M2DB	410	PA	333	0	068342	2D	000000	00000 000 3RPO	\$126,967.00	PR#13PRO1818-00 FRC:33RP
											PAGE TOTAL	\$126,967.00
											GRAND TOTAL	\$126,967.00

PREPARED/AUTHORIZED BY:

 DATE:

COMPTROLLER APPROVAL:
FOR FISCAL DATA AND SIGNATURE
BY _____
DATE: _____

for COMPTROLLER, ONR CONTRACT REVIEWED

FINANCIAL ACCOUNTING DATA SHEET – NON-NAVY DoD ACTIVITIES


1. CONTRACT NUMBER (CRITICAL) N00014-11-1-0584		2. SPIN (CRITICAL)	3. MOD (CRITICAL) P00003	4. PR NUMBER 13PR01818-00		
5. CLINSLIN	6. ACRN (CRITICAL)	7. ACCOUNTING CITATION			8. AMOUNT (CRITICAL)	NAVY INTERNAL USE ONLY REF DOGACRN
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PREPARED/AUTHORIZED BY:		COMPTROLLER APPROVAL: FOR FISCAL DATA AND SIGNATURE				
DATE:		BY _____ DATE: _____ for COMPTROLLER, ONR CONTRACT REVIEWED				


AWARD NO.
N00014-11-1-0584

SPECIAL REQUIREMENTS

MODIFICATION NO.
P00003

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		<h1 style="text-align: center;">AWARD/ MODIFICATION</h1>		3a. ISSUED BY: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995	
				3b. CFDA: 12.300	
4. AWARD NO.: N00014-11-1-0625		1. INSTRUMENT TYPE: Grant		3c. DUNS NUMBER:	
8. ACTIVITY/AGENCY PROPOSAL NO.: N/A		2. AUTHORITY: 10 USC 2358, 31 USC 6304		7. PR NO.: 15PR01330-00	
13. ISSUED TO 13a. ADDRESS: UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION OFFICE OF GRANTS AND CONTRACTS 201 KINKEAD HALL LEXINGTON, KY 40506-0057		5. MODIFICATION NO.: P00007		6. MODIFICATION TYPE: Increment	
13b. CAGE: 5B333		13c. ED/EFT NUMBER: 1150AF		14. REMITTANCE ADDRESS (IF DIFFERENT FROM BLOCK 13): Same as block #13	
13d. BUSINESS OFFICE CONTACT: Deborah Davis		10. PROPOSAL DATE: 04-APR-11		11. ACTIVITY TYPE: lrs	
13e. TELEPHONE NUMBER: (859) 257-9420		13f. EMAIL ADDRESS: ddavis@email.uky.edu			
15. RESEARCH TITLE AND/OR DESCRIPTION OF PROJECT AND/OR PROPOSAL TITLE: Large Scale Topside Electromagnetic Modeling					
16. FUNDING		ACTIVITY/AGENCY SHARE		RECIPIENT SHARE	
PREVIOUSLY OBLIGATED:					
OBLIGATED BY THIS ACTION:					
TOTAL OBLIGATED ON AWARD:					
FUTURE FUNDING:					
GRANT TOTAL:				\$1,050,615.00	
17. CURRENT FUNDING PERIOD N/A THROUGH N/A					
18. PERIOD OF PERFORMANCE 16-MAY-11 THROUGH 31-DEC-14					
19. ACCOUNTING AND APPROPRIATION DATA: See attached Financial Accounting Data Sheet (s)					
20a. PRINCIPAL INVESTIGATOR/RECIPIENT TECHNICAL REPRESENTATIVE: ROBERT J. ADAMS		21. TECHNICAL REPRESENTATIVE 21a. NAME: Steven J. Russell		21b. CODE: ONR 331	
		21c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995			
20b. TELEPHONE NUMBER: (859) 2571775		20c. EMAIL ADDRESS: rjadams@uky.edu		21d. TELEPHONE NUMBER: (703) 696-4714	
				21e. EMAIL ADDRESS: STEVEN.J.RUSSELL@NAVY.MIL	
22. AWARDING OFFICE CONTACT 22a. NAME: John A. Chiappe		22b. CODE: ONR BD245		23a. ADMINISTRATIVE OFFICE: ONR REG. OFFICE CHICAGO-N62880 230 SOUTH DEARBORN, ROOM 380 CHICAGO, IL 60604-1595 PHONE: (312) 886-5423 FAX: (312) 353-2094	
22c. ADDRESS: Office of Naval Research 230 SOUTH DEARBORN ROOM 380 CHICAGO, IL 60604-1595				23b. CODE: N62880	
22d. TELEPHONE NUMBER: (312) 886-1991		22e. EMAIL ADDRESS: JOHN.CHIAPPE@NAVY.MIL			
24. SUBMIT PAYMENT REQUEST TO: Same as block #23a		25a. PAYING OFFICE: DFAS COLUMB. NORTH ENTL-HQ0337 COLUMBUS, OH 43218-2266		25b. CODE: HQ0337	
				26a. PATENT OFFICE: Office of Naval Research ATTN: ONR BDCC One Liberty Center 875 North Randolph Street, Suite 1425 Arlington, VA 22203-1995	
				26b. CODE: N00014	

AWARD NO. N00014-11-1-0625		AWARD/MODIFICATION		MODIFICATION NO. P00007	
27. SPECIAL INSTRUCTIONS:					
28. DELEGATIONS: The administration duties listed below have been delegated to the administrative office (block 23a). Upon request the awarding office contact (block 22) will make their full text available. Please direct questions to the contacts @ http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx					
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ONR Basic Research Grant - October 2010 Standard Terms and Conditions for Research Grants - June 2011 (Core) Standard Terms and Conditions for Research Grants - February 2011 (Agency Specific) UACC Acceptance C UAWA Award A					
30. OPTIONS	OPTION NO.	AMOUNT		PERIOD	
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(2)					
(3)					
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32b. NAME AND TITLE OF SIGNER		32c. DATE SIGNED		33b. NAME AND TITLE OF AWARD OFFICER Ellen Simonoff	
				33c. DATE SIGNED 28-OCT-14	

FINANCIAL ACCOUNTING DATA SHEET - NAVY

[illegible]

FINANCIAL ACCOUNTING DATA SHEET – NON-NAVY DoD ACTIVITIES

1. CONTRACT NUMBER (CRITICAL) N00014-11-1-0625	2. SPIN (CRITICAL)	3. MOD (CRITICAL) P00007	4. PR NUMBER 15PR01330-00	5. CLINSLIN	6. ACRN (CRITICAL)	7. ACCOUNTING CITATION	8. AMOUNT (CRITICAL)	NAVY INTERNAL USE ONLY REF DOCIACRN
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							PAGE TOTAL	\$.00
							GRAND TOTAL	\$.00
PREPARED/AUTHORIZED BY: _____ DATE: _____							COMPTROLLER APPROVAL: FOR FISCAL DATA AND SIGNATURE BY _____ DATE: _____ for COMPTROLLER, ONR CONTRACT REVIEWED	

AWARD NO.


N00014-11-1-0625

SPECIAL REQUIREMENTS

MODIFICATION NO.

P00007

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		<h1 style="text-align: center;">AWARD/ MODIFICATION</h1>		3a. ISSUED BY: Office of Naval Research 230 SOUTH DEARBORN ROOM 380 CHICAGO, IL 60604-1595																													
				3b. CFDA: 12.300																													
1. INSTRUMENT TYPE: Grant		3c. DUNS NUMBER: 14PR01933-03		2. AUTHORITY: 10 USC 2358, 31 USC 6304																													
4. AWARD NO.: N00014-11-1-0625		5. MODIFICATION NO.: A00002		6. MODIFICATION TYPE: Admin Mod																													
8. ACTIVITY/AGENCY PROPOSAL NO.: N/A		9. RECIPIENT PROPOSAL NO.: N/A		10. PROPOSAL DATE: 04-APR-11																													
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20b. TELEPHONE NUMBER: (859) 2571775		20c. EMAIL ADDRESS: rjadams@uky.edu		21d. TELEPHONE NUMBER: (703) 696-4714																													
21e. EMAIL ADDRESS: STEVEN.J.RUSSELL@NAVY.MIL		22. AWARDING OFFICE CONTACT 22a. NAME: John A. Chiappe 22c. ADDRESS: Office of Naval Research 230 SOUTH DEARBORN ROOM 380 CHICAGO, IL 60604-1595		22b. CODE: ONR BD245																													
22d. TELEPHONE NUMBER: (312) 886-1991		22e. EMAIL ADDRESS: JOHN.CHIAPPE@NAVY.MIL		23a. ADMINISTRATIVE OFFICE: ONR REG. OFFICE CHICAGO-N62880 230 SOUTH DEARBORN, ROOM 380 CHICAGO, IL 60604-1595 PHONE: (312) 886-5423 FAX: (312) 353-2094																													
23b. CODE: N62880		24. SUBMIT PAYMENT REQUEST TO: Same as block #23a		25a. PAYING OFFICE: DFAS COLUMB. NORTH ENTL-HQ0337 COLUMBUS, OH 43218-2266																													
25b. CODE: HQ0337		25c. PATENT OFFICE: Office of Naval Research ATTN: ONR BDCC One Liberty Center 875 North Randolph Street, Suite 1425 Arlington, VA 22203-1995		26b. CODE: N00014																													

ONR AWARD FORM (10/99) - version 1.1

1. CONTRACT NUMBER (CRITICAL) N00014-11-1-0625		2. SPIN (CRITICAL) A00002		3. MOD (CRITICAL) A00002		4. PR NUMBER 14PR01933-03		5. LINE OF ACCOUNTING		6. AMOUNT (CRITICAL)		7. NAVY INTERNAL USE ONLY REF DOGACRN	
CLINSLIN	A. ACRN (CRITICAL)	B. APPROPRIATION (CRITICAL)	C. SUBHEAD (CRITICAL)	D. OBJ CLA	E. PARM	F. RFM	G. SA	H. AAA (CRITICAL)	I. IT	J. PAA	K. COST CODE PROJ UNIT MCC PDLI & SUF	AMOUNT (CRITICAL)	NAVY INTERNAL USE ONLY REF DOGACRN
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												PAGE TOTAL	\$.00
												GRAND TOTAL	\$.00

PREPARED/AUTHORIZED BY: _____
 DATE: _____

COMPTROLLER APPROVAL:
 FOR FISCAL DATA AND SIGNATURE
 BY _____
 DATE: _____

_____ for COMPTROLLER, ONR CONTRACT REVIEWED

FINANCIAL ACCOUNTING DATA SHEET -- NON-NAVY DoD ACTIVITIES

1. CONTRACT NUMBER (CRITICAL) N00014-11-1-0625		2. SHIN (CRITICAL)	3. MOD (CRITICAL) A00002	4. PR NUMBER 14PR01933-03		
5. CLIN/SLN (CRITICAL)	6. ACRN (CRITICAL)	7.	ACCOUNTING CITATION		8. AMOUNT (CRITICAL)	NAVY INTERNAL USE ONLY REF DOCAORN
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		PAGE TOTAL		\$.00		
		GRAND TOTAL		\$.00		
PREPARED/AUTHORIZED BY:		COMPTROLLER APPROVAL: FOR FISCAL DATA AND SIGNATURE				
DATE:		BY _____ for COMPTROLLER, ONR CONTRACT REVIEWED DATE:				

AWARD NO.
N00014-11-1-0625

SPECIAL REQUIREMENTS

MODIFICATION NO.
A00002

This administrative modification is issued to: (a) change the payment office and (b) add instructions for numbering vouchers:

A. The payment office is hereby changed:

From: DFAS Columbus - Navy Acquisitions
3990 E. Broad Street, Bldg. 21
Columbus, OH 43213
HQ0251


To: DFAS - Columbus Center
North Entitlement Operations
P.O. BOX 182266
COLUMBUS, OH 43218-2266
HQ0337


B. The Following payment instructions are hereby added:

NUMBERING OF VOUCHERS SUBMITTED TO MOCAS PAYMENT OFFICES

Invoices submitted to this payment office must be submitted using the following format:

- * Voucher numbers must begin with BVN
- * Voucher numbers must be 7 characters
- * The format must be BVNX###, where X = Alphanumeric and # = Numeric

		<h1 style="text-align: center;">AWARD/ MODIFICATION</h1>		3a. ISSUED BY: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995	
				3b. CFDA: 12.300	
4. AWARD NO.: N00014-11-1-0625		1. INSTRUMENT TYPE: Grant		3c. DUNS NUMBER:	
8. ACTIVITY/AGENCY PROPOSAL NO.: N/A		2. AUTHORITY: 10 USC 2358, 31 USC 6304		5. MODIFICATION NO.: P00005	
13. ISSUED TO 13a. ADDRESS: UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION OFFICE OF GRANTS AND CONTRACTS 201 KINKHEAD HALL LEXINGTON, KY 40506-0057		6. MODIFICATION TYPE: Increment		7. PR NO.: 14PR01933-00	
13b. CAGE: 5B333		9. RECIPIENT PROPOSAL NO.: N/A		10. PROPOSAL DATE: 04-APR-11	
13c. EDWFT NUMBER: 1150AF		11. ACTIVITY TYPE:		12. PROGRAM TYPE: lrs	
13d. BUSINESS OFFICE CONTACT: Deborah Davis		14. REMITTANCE ADDRESS (IF DIFFERENT FROM BLOCK 13): Same as block #13			
13e. TELEPHONE NUMBER: (859) 257-9420		13f. EMAIL ADDRESS: ddavis@mail.uky.edu			
15. RESEARCH TITLE AND/OR DESCRIPTION OF PROJECT AND/OR PROPOSAL TITLE: Large Scale Topside Electromagnetic Modeling					
16. FUNDING		ACTIVITY/AGENCY SHARE		RECIPIENT SHARE	
PREVIOUSLY OBLIGATED:					
OBLIGATED BY THIS ACTION:					
TOTAL OBLIGATED ON AWARD:					
FUTURE FUNDING:					
GRANT TOTAL:				\$1,050,615.00	
17. CURRENT FUNDING PERIOD N/A THROUGH N/A					
18. PERIOD OF PERFORMANCE 16-MAY-11 THROUGH 15-MAY-14					
19. ACCOUNTING AND APPROPRIATION DATA: See attached Financial Accounting Data Sheet (s)					
20a. PRINCIPAL INVESTIGATOR/RECIPIENT TECHNICAL REPRESENTATIVE: ROBERT J. ADAMS		21. TECHNICAL REPRESENTATIVE 21a. NAME: Steven J. Russell		21b. CODE: ONR 331	
20b. TELEPHONE NUMBER: (859) 2571775		20c. EMAIL ADDRESS: rjadams@uky.edu		21c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995	
22. AWARDING OFFICE CONTACT 22a. NAME: Diane Gales		22b. CODE: ONR BD025		23a. ADMINISTRATIVE OFFICE: ONR REG. OFFICE CHICAGO-N62880 230 SOUTH DEARBORN, ROOM 380 CHICAGO, IL 60604-1595 PHONE: (312) 886-5423 FAX: (312) 353-2094	
22c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995		22d. TELEPHONE NUMBER: (703) 696-2593		22e. EMAIL ADDRESS: DIANE.GALES@NAVY.MIL	
24. SUBMIT PAYMENT REQUEST TO: Same as block #23a		25a. PAYING OFFICE: DFAS CLEVELAND NAVY-HQ0251 CLEVELAND, OH 44199-8022		25b. CODE: HQ0251	
		26a. PATENT OFFICE: Office of Naval Research ATTN: ONR BDCC One Liberty Center 875 North Randolph Street, Suite 1425 Arlington, VA 22203-1995		26b. CODE: N00014	

AWARD NO. N00014-11-1-0625		AWARD/MODIFICATION		MODIFICATION NO. P00005	
27. SPECIAL INSTRUCTIONS:					
28. DELEGATIONS: The administration duties listed below have been delegated to the administrative office (block 23a). Upon request the awarding office contact (block 22) will make their full text available. Please direct questions to the contacts @: http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx					
Full Delegation					
29. TERMS AND CONDITIONS: The following terms and conditions are incorporated herein by reference with the same force and effect as if they were given in full text. Upon request the awarding office contact named in block 22 will make their full text available, or they can be found as described below.					
DOCUMENT					
The following documents may be found at: http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx					
ONR Basic Research Grant - October 2010 Standard Terms and Conditions for Research Grants - June 2011 (Core) Standard Terms and Conditions for Research Grants - February 2011 (Agency Specific) UAAC UACC Acceptance C November UAWA UAWA Award A					
30. OPTIONS		OPTION NO.	AMOUNT	PERIOD	
(1)					
(2)					
(3)					
(4)					
31. REPORTS: The following reports must be submitted to the indicated addressees, in the indicated quantities, within 90 days following the expiration or termination of the project. Final Technical Reports must have a SF298, Report Documentation Page, accompanying them. Unless otherwise stated in the award/modification, complete Block 12a of the SF298 as follows: "Approved for Public Release; distribution is Unlimited".					
ADDRESSEE		REPORT TYPE			COPIES
See block #21		Final Report is not required Interim Research Performance Report (As Required) with SF298			0 1
See block #23a		Report of Inventions and Subcontracts - DD 882 Final Report is not required Interim Research Performance Report (As Required) Final Federal Financial Status Report - SF425 - Including Line Item 11			1 0 1 1
Defense Technical Information Center 8725 John J Kingman Road Ste 0944 Fort Belvoir, VA 22060-6218		Final Report is not required Interim Research Performance Report (As Required) with SF298			0 1
See block #26a		Report of Inventions and Subcontracts - DD 882			1
Naval Research Laboratory ATTN: CODE 5596 4555 Overlook Avenue SW Washington, DC 20375-5320		Final Report is not required Interim Research Performance Report (As Required) with SF298			0 1
32. FOR THE RECIPIENT			33. FOR THE UNITED STATES OF AMERICA		
32a. SIGNATURE OF PERSON AUTHORIZED TO SIGN N/A - SIGNATURE NOT REQUIRED ON THIS AWARD			33a. SIGNATURE OF AWARDOFFICER 		
32b. NAME AND TITLE OF SIGNER		32c. DATE SIGNED		33b. NAME AND TITLE OF AWARDOFFICER Ellen Simonoff	
				33c. DATE SIGNED 26-NOV-13	

1. CONTRACT NUMBER (CRITICAL) N00014-11-1-0625		2. SPIN (CRITICAL)		3. MOD (CRITICAL) P00005		4. PR NUMBER 14PR01933-00									
6. LINE OF ACCOUNTING								7.							
CLINSIN	A. ACRN (CRITICAL)	B. APPROPRIATION (CRITICAL)	C. SUBHEAD (CRITICAL)	D. OBJ CLA	E. PARM	F. RFW	G. SA	H. AAA (CRITICAL)	I. IT	J. PAA	K. PROJ UNIT	L. COST CODE MCC	M. PDJ & SUF	N. AMOUNT (CRITICAL)	O. NAVY INTERNAL USE ONLY REF DOCIACRN
	AG	1741319	WIAE	410	RA	333	0	068342	2D	000000	00000	000	4ACO	\$50,000.00	PR#14PR01933-00 ERC:34AC
														PAGE TOTAL	\$50,000.00
														GRAND TOTAL	\$50,000.00

PREPARED/AUTHORIZED BY:

 DATE:

COMPTROLLER APPROVAL:
 FOR FISCAL DATA AND SIGNATURE
 BY _____
 DATE: _____


for COMPTROLLER, ONR CONTRACT REVIEWED


AWARD NO.
N00014-11-1-0625

SPECIAL REQUIREMENTS

MODIFICATION NO.
P00005

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		<h1 style="text-align: center;">AWARD/ MODIFICATION</h1>		3a. ISSUED BY: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995	
				3b. CFDA: 12.300	
1. INSTRUMENT TYPE: Grant		2. AUTHORITY: 10 USC 2358, 31 USC 6304		3c. DUNS NUMBER:	
4. AWARD NO.: N00014-11-1-0625		5. MODIFICATION NO.: P00004		6. MODIFICATION TYPE: Increment	
8. ACTIVITY/AGENCY PROPOSAL NO.: N/A		9. RECIPIENT PROPOSAL NO.: N/A		7. PR NO.: 13PR04771-02	
13. ISSUED TO 13a. ADDRESS: UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION OFFICE OF GRANTS AND CONTRACTS 201 KINKEAD HALL LEXINGTON, KY 40506-0057		13b. CAGE: 5B333		13c. EDI/EFT NUMBER: 1150AF	
13d. BUSINESS OFFICE CONTACT: Deborah Davis		13e. TELEPHONE NUMBER: (859) 257-9420		13f. EMAIL ADDRESS: ddavis@email.uky.edu	
14. REMITTANCE ADDRESS (IF DIFFERENT FROM BLOCK 13): Same as block #13					
15. RESEARCH TITLE AND/OR DESCRIPTION OF PROJECT AND/OR PROPOSAL TITLE: Large Scale Topside Electromagnetic Modeling					
16. FUNDING		ACTIVITY/AGENCY SHARE		RECIPIENT SHARE	
PREVIOUSLY OBLIGATED:					
OBLIGATED BY THIS ACTION:					
TOTAL OBLIGATED ON AWARD:					
FUTURE FUNDING:					
GRANT TOTAL:				\$1,050,615.00	
17. CURRENT FUNDING PERIOD N/A THROUGH N/A					
18. PERIOD OF PERFORMANCE 16-MAY-11 THROUGH 15-MAY-14					
19. ACCOUNTING AND APPROPRIATION DATA: See attached Financial Accounting Data Sheet (s)					
20a. PRINCIPAL INVESTIGATOR/RECIPIENT TECHNICAL REPRESENTATIVE: ROBERT J. ADAMS		21. TECHNICAL REPRESENTATIVE 21a. NAME: Steven J. Russell 21c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995		21b. CODE: ONR 331	
20b. TELEPHONE NUMBER: (859) 2571775		20c. EMAIL ADDRESS: rjadams@uky.edu		21d. TELEPHONE NUMBER: (703) 696-4714	
21e. EMAIL ADDRESS: STEVEN.J.RUSSELL@NAVY.MIL		22. AWARDOFFICE CONTACT 22a. NAME: Diane Gales		22b. CODE: ONR BD025	
22c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995		23a. ADMINISTRATIVE OFFICE: ONR REG. OFFICE CHICAGO-N62880 230 SOUTH DEARBORN, ROOM 380 CHICAGO, IL 60604-1595 PHONE: (312) 886-5423 FAX: (312) 353-2094		23b. CODE: N62880	
22d. TELEPHONE NUMBER: (703) 696-2593		22e. EMAIL ADDRESS: DIANE.GALES@NAVY.MIL		24. SUBMIT PAYMENT REQUEST TO: Same as block #23a	
25a. PAYING OFFICE: DFAS COLUMB-NAVY ACQ HQ0251 COLUMBUS, OH 43213		25b. CODE: HQ0251		26a. PATENT OFFICE: Office of Naval Research ATTN: ONR BDCC One Liberty Center 875 North Randolph Street, Suite 1425 Arlington, VA 22203-1995	
				26b. CODE: N00014	

AWARD NO. N00014-11-1-0625		AWARD/MODIFICATION		MODIFICATION NO. P00004	
27. SPECIAL INSTRUCTIONS:					
28. DELEGATIONS: The administration duties listed below have been delegated to the administrative office (block 23a). Upon request the awarding office contact (block 22) will make their full text available. Please direct questions to the contacts @: http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx					
Full Delegation					
29. TERMS AND CONDITIONS: The following terms and conditions are incorporated herein by reference with the same force and effect as if they were given in full text. Upon request the awarding office contact named in block 22 will make their full text available, or they can be found as described below.					
DOCUMENT The following documents may be found at: http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx ONR Basic Research Grant - October 2010 Standard Terms and Conditions for Research Grants - June 2011 (Core) Standard Terms and Conditions for Research Grants - February 2011 (Agency Specific) UAC UACC Acceptance C November UAWA UAWA Award A					
30. OPTIONS OPTION NO. AMOUNT PERIOD					
(1)					
(2)					
(3)					
(4)					
31. REPORTS: The following reports must be submitted to the indicated addressees, in the indicated quantities, within 90 days following the expiration or termination of the project. Final Technical Reports must have a SF298, Report Documentation Page, accompanying them. Unless otherwise stated in the award/modification, complete Block 12a of the SF298 as follows: "Approved for Public Release; distribution is Unlimited".					
ADDRESSEE		REPORT TYPE		COPIES	
See block #21		Final Report is not required Interim Research Performance Report (As Required) with SF298		0 1	
See block #23a		Report of Inventions and Subcontracts - DD 882 Final Report is not required Interim Research Performance Report (As Required) Final Federal Financial Status Report - SF425 - Including Line Item 11		1 0 1 1	
Defense Technical Information Center 8725 John J Kingman Road Ste 0944 Fort Belvoir, VA 22060-6218		Final Report is not required Interim Research Performance Report (As Required) with SF298		0 1	
See block #26a		Report of Inventions and Subcontracts - DD 882		1	
Naval Research Laboratory ATTN: CODE 5596 4555 Overlook Avenue SW Washington, DC 20375-5320		Final Report is not required Interim Research Performance Report (As Required) with SF298		0 1	
32. FOR THE RECIPIENT			33. FOR THE UNITED STATES OF AMERICA		
32a. SIGNATURE OF PERSON AUTHORIZED TO SIGN N/A - SIGNATURE NOT REQUIRED ON THIS AWARD			33a. SIGNATURE OF AWARING OFFICER 		
32b. NAME AND TITLE OF SIGNER		32c. DATE SIGNED		33b. NAME AND TITLE OF AWARD OFFICER Ellen Simonoff	
				33c. DATE SIGNED 03-OCT-13	

1. CONTRACT NUMBER (CRITICAL) N00014-11-1-0625	2. SPIN (CRITICAL) P00004	3. MOD (CRITICAL) P00004	4. PR NUMBER 13PR04771-02	5. LINE OF ACCOUNTING	6. MOD (CRITICAL) P00004	7. PR NUMBER 13PR04771-02							
CLIN/SIN	A. ACRN (CRITICAL)	B. APPROPRIATION (CRITICAL)	C. SUBHEAD (CRITICAL)	D. OBJ CLA	E. PARM	F. RFM	G. SA	H. AAA (CRITICAL)	I. IT	J. PAA	K. COST CODE PROJ UNIT MCC PDLI & SUF	AMOUNT (CRITICAL)	NAVY INTERNAL USE ONLY REF DOACRN
	AF	1731319	W1AE	410	RA	333	0	068342	2D	000000	00000 RC20	\$29,939.00	PR#13PR04771-02 FRC:3RC2
PAGE TOTAL												\$29,939.00	
GRAND TOTAL												\$29,939.00	
PREPARED/AUTHORIZED BY: _____ DATE: _____ COMPTROLLER APPROVAL: _____ FOR FISCAL DATA AND SIGNATURE BY: _____ DATE: _____ for COMPTROLLER, ONR CONTRACT REVIEWED													

FINANCIAL ACCOUNTING DATA SHEET – NON-NAVY DoD ACTIVITIES

1. CONTRACT NUMBER (CRITICAL) N00014-11-1-0625		2. SPIN (CRITICAL)	3. MOD (CRITICAL) P00004	4. PR NUMBER 13PR04771-02				NAVY INTERNAL USE ONLY REF DOC/ACRN
5. CLINISLN	6. ACRN (CRITICAL)	7. ACCOUNTING CITATION			8. AMOUNT (CRITICAL)			
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					PAGE TOTAL	\$. 00		
					GRAND TOTAL	\$. 00		
PREPARED/AUTHORIZED BY:					COMPTROLLER APPROVAL: FOR FISCAL DATA AND SIGNATURE			
DATE:					BY _____ for COMPTROLLER, ONR CONTRACT REVIEWED DATE:			

AWARD NO.


N00014-11-1-0625


SPECIAL REQUIREMENTS

MODIFICATION NO.

P00004

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		<h1 style="text-align: center;">AWARD/ MODIFICATION</h1>		3a. ISSUED BY: Office of Naval Research 230 SOUTH DEARBORN ROOM 380 CHICAGO, IL 60604-1595	
				3b. CFDA: 12.300	
1. INSTRUMENT TYPE: Grant		2. AUTHORITY: 10 USC 2358, 31 USC 6304		3c. DUNS NUMBER:	
4. AWARD NO.: N00014-11-1-0625		5. MODIFICATION NO.: A00001		6. MODIFICATION TYPE: Admin Mod	
8. ACTIVITY/AGENCY PROPOSAL NO.: N/A		9. RECIPIENT PROPOSAL NO.: N/A		7. PR NO.: 14PR01933-02	
13. ISSUED TO 13a. ADDRESS: UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION OFFICE OF GRANTS AND CONTRACTS 201 KINKHEAD HALL LEXINGTON, KY 40506-0057		13b. CAGE: 5B333		13c. EDI/EFT NUMBER: 1150AF	
13d. BUSINESS OFFICE CONTACT: Deborah Davis		13e. TELEPHONE NUMBER: (859) 257-9420		13f. EMAIL ADDRESS: ddavis@mail.uky.edu	
14. REMITTANCE ADDRESS (IF DIFFERENT FROM BLOCK 13): Same as block #13					
15. RESEARCH TITLE AND/OR DESCRIPTION OF PROJECT AND/OR PROPOSAL TITLE: Large Scale Topside Electromagnetic Modeling					
16. FUNDING PREVIOUSLY OBLIGATED: OBLIGATED BY THIS ACTION: TOTAL OBLIGATED ON AWARD: FUTURE FUNDING: GRANT TOTAL:		ACTIVITY/AGENCY SHARE 		RECIPIENT SHARE 	
				TOTAL 	
				17. CURRENT FUNDING PERIOD N/A THROUGH N/A	
				18. PERIOD OF PERFORMANCE 16-MAY-11 THROUGH 31-DEC-14	
				\$1,050,615.00	
19. ACCOUNTING AND APPROPRIATION DATA: See attached Financial Accounting Data Sheet (s)					
20a. PRINCIPAL INVESTIGATOR/RECIPIENT TECHNICAL REPRESENTATIVE: ROBERT J. ADAMS		21. TECHNICAL REPRESENTATIVE 21a. NAME: Steven J. Russell 21c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995		21b. CODE: ONR 331	
20b. TELEPHONE NUMBER: (859) 2571775		20c. EMAIL ADDRESS: rjadams@uky.edu		21d. TELEPHONE NUMBER: (703) 696-4714	
21e. EMAIL ADDRESS: STEVEN.J.RUSSELL@NAVY.MIL		22. AWARDING OFFICE CONTACT 22a. NAME: John A. Chiappe 22c. ADDRESS: Office of Naval Research 230 SOUTH DEARBORN ROOM 380 CHICAGO, IL 60604-1595		22b. CODE: ONR BD245	
22d. TELEPHONE NUMBER: (312) 886-1991		22e. EMAIL ADDRESS: JOHN.CHIAPPE@NAVY.MIL		23a. ADMINISTRATIVE OFFICE: ONR REG. OFFICE CHICAGO-N62880 230 SOUTH DEARBORN, ROOM 380 CHICAGO, IL 60604-1595 PHONE: (312) 886-5423 FAX: (312) 353-2094	
23b. CODE: N62880		24. SUBMIT PAYMENT REQUEST TO: Same as block #23a		25a. PAYING OFFICE: DFAS CLEVELAND NAVY-HQ0251 CLEVELAND, OH 44199-8022	
25b. CODE: HQ0251		26a. PATENT OFFICE: Office of Naval Research ATTN: ONR BDCC One Liberty Center 875 North Randolph Street, Suite 1425 Arlington, VA 22203-1995		26b. CODE: N00014	

AWARD NO. N00014-11-1-0625		AWARD/MODIFICATION		MODIFICATION NO. A00001	
27. SPECIAL INSTRUCTIONS: See "Special Requirements" Attachment					
28. DELEGATIONS: The administration duties listed below have been delegated to the administrative office (block 23a). Upon request the awarding office contact (block 22) will make their full text available. Please direct questions to the contacts @ http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx					
Full Delegation					
29. TERMS AND CONDITIONS: The following terms and conditions are incorporated herein by reference with the same force and effect as if they were given in full text. Upon request the awarding office contact named in block 22 will make their full text available, or they can be found as described below.					
DOCUMENT The following documents may be found at: http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx ONR Basic Research Grant - October 2010 Standard Terms and Conditions for Research Grants - June 2011 (Core) Standard Terms and Conditions for Research Grants - February 2011 (Agency Specific) UACAC UACC Acceptance C November UAWA UAWA Award A					
30. OPTIONS		OPTION NO.	AMOUNT	PERIOD	
(1)					
(2)					
(3)					
(4)					
31. REPORTS: The following reports must be submitted to the indicated addressees, in the indicated quantities, within 90 days following the expiration or termination of the project. Final Technical Reports must have a SF298, Report Documentation Page, accompanying them. Unless otherwise stated in the award/modification, complete Block 12a of the SF298 as follows: "Approved for Public Release; distribution is Unlimited".					
ADDRESSEE		REPORT TYPE			COPIES
See block #21		Final Report is not required Interim Research Performance Report (As Required) with SF298			0 1
See block #23a		Report of Inventions and Subcontracts - DD 882 Final Report is not required Interim Research Performance Report (As Required) Final Federal Financial Status Report - SF425 - Including Line Item 11			1 0 1 1
Defense Technical Information Center 8725 John J Kingman Road Ste 0944 Fort Belvoir, VA 22060-6218		Final Report is not required Interim Research Performance Report (As Required) with SF298			0 1
See block #26a		Report of Inventions and Subcontracts - DD 882			1
Naval Research Laboratory ATTN: CODE 5596 4555 Overlook Avenue SW Washington, DC 20375-5320		Final Report is not required Interim Research Performance Report (As Required) with SF298			0 1
32. FOR THE RECIPIENT			33. FOR THE UNITED STATES OF AMERICA		
32a. SIGNATURE OF PERSON AUTHORIZED TO SIGN N/A - SIGNATURE NOT REQUIRED ON THIS AWARD			33a. SIGNATURE OF AWARING OFFICER 		
32b. NAME AND TITLE OF SIGNER		32c. DATE SIGNED		33b. NAME AND TITLE OF AWARD OFFICER John A. Chiappe	
				33c. DATE SIGNED 28-APR-14	

FINANCIAL ACCOUNTING DATA SHEET - NAVY

1. CONTRACT NUMBER (CRITICAL) N00014-1-1-1-0625		2. SPIN (CRITICAL)		3. MOD (CRITICAL) A00001		4. PR NUMBER 14PRO1933-02			
6. LINE OF ACCOUNTING									
CLIN/SIN	A. ACRN (CRITICAL)	B. APPROPRIATION (CRITICAL)	C. SUBHEAD (CRITICAL)	D. OBJ CLA	E. PARM	F. RFM	G. SA	H. AAA (CRITICAL)	I. IT
	J. PAA	K. PROJ UNIT	L. COST CODE		MCC	POLJ & S/F			
							7.	AMOUNT (CRITICAL)	NAVY INTERNAL USE ONLY REF DOC/ACRN
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							PAGE TOTAL	\$.00	
							GRAND TOTAL	\$.00	
PREPARED/AUTHORIZED BY:				COMPTROLLER APPROVAL: FOR FISCAL DATA AND SIGNATURE				for COMPTROLLER, ONR CONTRACT REVIEWED	
DATE:				BY:				DATE:	

AWARD NO.


N00014-11-1-0625


SPECIAL REQUIREMENTS

MODIFICATION NO.

A00001

The purpose of this modification is to extend the period of performance of this award to 31 December 2014 at no additional cost to the Government. No other changes are to be made to this award through this modification.

		<h1 style="text-align: center;">AWARD/ MODIFICATION</h1>		3a. ISSUED BY: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995	
				3b. CFDA: 12.300	
4. AWARD NO.: N00014-11-1-0625		1. INSTRUMENT TYPE: Grant		3c. DUNS NUMBER:	
6. ACTIVITY/AGENCY PROPOSAL NO.: N/A		2. AUTHORITY: 10 USC 2358, 31 USC 6304		7. PR NO.: 14PR01933-01	
8. ACTIVITY/AGENCY PROPOSAL NO.: N/A		5. MODIFICATION NO.: P00006		6. MODIFICATION TYPE: Increment	
9. RECIPIENT PROPOSAL NO.: N/A		10. PROPOSAL DATE: 04-APR-11		11. ACTIVITY TYPE: 1rs	
13. ISSUED TO 13a. ADDRESS: UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION OFFICE OF GRANTS AND CONTRACTS 201 KINKEAD HALL LEXINGTON, KY 40506-0057		13b. CAGE: 5B333		13c. EDI/EFT NUMBER: 1150AF	
13d. BUSINESS OFFICE CONTACT: Deborah Davis		14. REMITTANCE ADDRESS (IF DIFFERENT FROM BLOCK 13): Same as block #13			
13e. TELEPHONE NUMBER: (859) 257-9420					
13f. EMAIL ADDRESS: ddavis@email.uky.edu					
15. RESEARCH TITLE AND/OR DESCRIPTION OF PROJECT AND/OR PROPOSAL TITLE: Large Scale Topside Electromagnetic Modeling					
16. FUNDING		ACTIVITY/AGENCY SHARE		RECIPIENT SHARE	
PREVIOUSLY OBLIGATED:					
OBLIGATED BY THIS ACTION:					
TOTAL OBLIGATED ON AWARD:					
FUTURE FUNDING:					
GRANT TOTAL:				\$1,050,615.00	
17. CURRENT FUNDING PERIOD N/A THROUGH N/A					
18. PERIOD OF PERFORMANCE 16-MAY-11 THROUGH 15-MAY-14					
19. ACCOUNTING AND APPROPRIATION DATA: See attached Financial Accounting Data Sheet (s)					
20a. PRINCIPAL INVESTIGATOR/RECIPIENT TECHNICAL REPRESENTATIVE: ROBERT J. ADAMS		21. TECHNICAL REPRESENTATIVE 21a. NAME: Steven J. Russell		21b. CODE: ONR 331	
20b. TELEPHONE NUMBER: (859) 2571775		20c. EMAIL ADDRESS: rjadams@uky.edu		21c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995	
22. AWARDING OFFICE CONTACT 22a. NAME: Diane Gales		22b. CODE: ONR BD255		23a. ADMINISTRATIVE OFFICE: ONR REG. OFFICE CHICAGO-N62880 230 SOUTH DEARBORN, ROOM 380 CHICAGO, IL 60604-1595 PHONE: (312) 886-5423 FAX: (312) 353-2094	
22c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995		22d. TELEPHONE NUMBER: (703) 696-2593		22e. EMAIL ADDRESS: DIANE.GALES@NAVY.MIL	
24. SUBMIT PAYMENT REQUEST TO: Same as block #23a		25a. PAYING OFFICE: DFAS CLEVELAND NAVY-HQ0251 CLEVELAND, OH 44199-8022		25b. CODE: HQ0251	
26a. PATENT OFFICE: Office of Naval Research ATTN: ONR BDCC One Liberty Center 875 North Randolph Street, Suite 1425 Arlington, VA 22203-1995		26b. CODE: N00014			

AWARD NO. N00014-11-1-0625		AWARD/MODIFICATION		MODIFICATION NO. P00006	
27. SPECIAL INSTRUCTIONS:					
28. DELEGATIONS: The administration duties listed below have been delegated to the administrative office (block 23a). Upon request the awarding office contact (block 22) will make their full text available. Please direct questions to the contacts @: http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx					
Full Delegation					
29. TERMS AND CONDITIONS: The following terms and conditions are incorporated herein by reference with the same force and effect as if they were given in full text. Upon request the awarding office contact named in block 22 will make their full text available, or they can be found as described below.					
DOCUMENT					
The following documents may be found at: http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx					
ONR Basic Research Grant - October 2010 Standard Terms and Conditions for Research Grants - June 2011 (Core) Standard Terms and Conditions for Research Grants - February 2011 (Agency Specific) UAC UACC Acceptance C November UAWA UAWA Award A					
30. OPTIONS					
OPTION NO.		AMOUNT		PERIOD	
(1)					
(2)					
(3)					
(4)					
31. REPORTS: The following reports must be submitted to the indicated addressees, in the indicated quantities, within 90 days following the expiration or termination of the project. Final Technical Reports must have a SF298, Report Documentation Page, accompanying them. Unless otherwise stated in the award/modification, complete Block 12a of the SF298 as follows: "Approved for Public Release; distribution is Unlimited".					
ADDRESSEE		REPORT TYPE		COPIES	
See block #21		Final Report is not required Interim Research Performance Report (As Required) with SF298		0 1	
See block #23a		Report of Inventions and Subcontracts - DD 882 Final Report is not required Interim Research Performance Report (As Required) Final Federal Financial Status Report - SF425 - Including Line Item 11		1 0 1 1	
Defense Technical Information Center 8725 John J Kingman Road Ste 0944 Fort Belvoir, VA 22060-6218		Final Report is not required Interim Research Performance Report (As Required) with SF298		0 1	
See block #26a		Report of Inventions and Subcontracts - DD 882		1	
Naval Research Laboratory ATTN: CODE 5596 4555 Overlook Avenue SW Washington, DC 20375-5320		Final Report is not required Interim Research Performance Report (As Required) with SF298		0 1	
32. FOR THE RECIPIENT			33. FOR THE UNITED STATES OF AMERICA		
32a. SIGNATURE OF PERSON AUTHORIZED TO SIGN N/A - SIGNATURE NOT REQUIRED ON THIS AWARD			33a. SIGNATURE OF AWARING OFFICER 		
32b. NAME AND TITLE OF SIGNER		32c. DATE SIGNED		33b. NAME AND TITLE OF AWARD OFFICER Ellen Simonoff	
				33c. DATE SIGNED 19-MAR-14	

FINANCIAL ACCOUNTING DATA SHEET - NAVY

[illegible]

FINANCIAL ACCOUNTING DATA SHEET – NON-NAVY DoD ACTIVITIES

1. CONTRACT NUMBER (CRITICAL) N00014-11-1-0625		2. SPIN (CRITICAL) P00006	3. MOD (CRITICAL) P00006	4. PR NUMBER 14PR01933-01		
5. CLIN/SLIN	6. ACRN (CRITICAL)	7. ACCOUNTING CITATION		8. AMOUNT (CRITICAL)	NAVY INTERNAL USE ONLY REF DOCIACRN	
		This page is intentionally blank				
				PAGE TOTAL	\$. 00	
				GRAND TOTAL	\$. 00	
PREPARED/AUTHORIZED BY:		COMPTROLLER APPROVAL: FOR FISCAL DATA AND SIGNATURE				
DATE:		BY _____ DATE: _____ for COMPTROLLER ONR CONTRACT REVIEWED				

AWARD NO.


N00014-11-1-0625

SPECIAL REQUIREMENTS

MODIFICATION NO.

P00006

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		<h1 style="text-align: center;">AWARD/ MODIFICATION</h1>		3a. ISSUED BY: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995	
				3b. CFDA: 12.300	
1. INSTRUMENT TYPE: Grant		2. AUTHORITY: 10 USC 2358, 31 USC 6304		3c. DUNS NUMBER:	
4. AWARD NO.: N00014-11-1-0625		5. MODIFICATION NO.: P00008		6. MODIFICATION TYPE: Admin Mod	
8. ACTIVITY/AGENCY PROPOSAL NO.: N/A		9. RECIPIENT PROPOSAL NO.: N/A		7. PR NO.: 15PR01330-01	
13. ISSUED TO 13a. ADDRESS: UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION OFFICE OF GRANTS AND CONTRACTS 201 KINKEAD HALL LEXINGTON, KY 40506-0057		13b. CAGE: 5B333		13c. EDI/EFT NUMBER: 1150AF	
13d. BUSINESS OFFICE CONTACT: Deborah Davis		13e. TELEPHONE NUMBER: (859) 257-9420		13f. EMAIL ADDRESS: ddavis@email.uky.edu	
14. REMITTANCE ADDRESS (IF DIFFERENT FROM BLOCK 13): Same as block #13					
15. RESEARCH TITLE AND/OR DESCRIPTION OF PROJECT AND/OR PROPOSAL TITLE: Large Scale Topside Electromagnetic Modeling					
16. FUNDING		ACTIVITY/AGENCY SHARE		RECIPIENT SHARE	
PREVIOUSLY OBLIGATED:					
OBLIGATED BY THIS ACTION:					
TOTAL OBLIGATED ON AWARD:					
FUTURE FUNDING:					
GRANT TOTAL:				\$698,413.00	
17. CURRENT FUNDING PERIOD N/A THROUGH N/A					
18. PERIOD OF PERFORMANCE 16-MAY-11 THROUGH 31-DEC-14					
19. ACCOUNTING AND APPROPRIATION DATA: See attached Financial Accounting Data Sheet (s)					
20a. PRINCIPAL INVESTIGATOR/RECIPIENT TECHNICAL REPRESENTATIVE: ROBERT J. ADAMS		21. TECHNICAL REPRESENTATIVE 21a. NAME: Steven J. Russell		21b. CODE: ONR 331	
		21c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995			
20b. TELEPHONE NUMBER: (859) 2571775		20c. EMAIL ADDRESS: rjadams@uky.edu		21d. TELEPHONE NUMBER: (703) 696-4714	
				21e. EMAIL ADDRESS: STEVEN.J.RUSSELL@NAVY.MIL	
22. AWARDOFFICE CONTACT 22a. NAME: John A. Chiappe		22b. CODE: ONR BD245		23a. ADMINISTRATIVE OFFICE: ONR REG. OFFICE CHICAGO-N62880 230 SOUTH DEARBORN, ROOM 380 CHICAGO, IL 60604-1595 PHONE: (312) 886-5423 FAX: (312) 353-2094	
22c. ADDRESS: Office of Naval Research 230 SOUTH DEARBORN ROOM 380 CHICAGO, IL 60604-1595		22d. TELEPHONE NUMBER: (312) 886-1991		22e. EMAIL ADDRESS: JOHN.CHIAPPE@NAVY.MIL	
24. SUBMIT PAYMENT REQUEST TO: Same as block #23a		25a. PAYING OFFICE: DFAS COLUMB. NORTH ENTL-HQ0337 COLUMBUS, OH 43218-2266		25b. CODE: HQ0337	
		26a. PATENT OFFICE: Office of Naval Research ATTN: ONR BDCC One Liberty Center 875 North Randolph Street, Suite 1425 Arlington, VA 22203-1995		26b. CODE: N00014	

AWARD NO. N00014-11-1-0625		AWARD/MODIFICATION		MODIFICATION NO. P00008	
27. SPECIAL INSTRUCTIONS: See "Special Requirements" Attachment					
28. DELEGATIONS: The administration duties listed below have been delegated to the administrative office (block 23a). Upon request the awarding office contact (block 22) will make their full text available. Please direct questions to the contacts @: http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx					
Full Delegation					
29. TERMS AND CONDITIONS: The following terms and conditions are incorporated herein by reference with the same force and effect as if they were given in full text. Upon request the awarding office contact named in block 22 will make their full text available, or they can be found as described below.					
DOCUMENT The following documents may be found at: http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx ONR Basic Research Grant - October 2010 Standard Terms and Conditions for Research Grants - June 2011 (Core) Standard Terms and Conditions for Research Grants - February 2011 (Agency Specific) UACC Acceptance C UAWA Award A					
30. OPTIONS		OPTION NO.	AMOUNT	PERIOD	
(1)					
(2)					
(3)					
(4)					
31. REPORTS: The following reports must be submitted to the indicated addressees, in the indicated quantities, within 80 days following the expiration or termination of the project. Final Technical Reports must have a SF298, Report Documentation Page, accompanying them. Unless otherwise stated in the award/modification, complete Block 12a of the SF298 as follows: "Approved for Public Release; distribution is Unlimited".					
ADDRESSEE		REPORT TYPE			COPIES
See block #21		Final Report is not required Interim Research Performance Report (As Required) with SF298			0 1
See block #23a		Report of Inventions and Subcontracts - DD 882 Final Report is not required Interim Research Performance Report (As Required) Final Federal Financial Status Report - SF425 - Including Line Item 11			1 0 1 1
Defense Technical Information Center 8725 John J Kingman Road Ste 0944 Fort Belvoir, VA 22060-6218		Final Report is not required Interim Research Performance Report (As Required) with SF298			0 1
See block #26a		Report of Inventions and Subcontracts - DD 882			1
Naval Research Laboratory ATTN: CODE 5596 4555 Overlook Avenue SW Washington, DC 20375-5320		Final Report is not required Interim Research Performance Report (As Required) with SF298			0 1
32. FOR THE RECIPIENT			33. FOR THE UNITED STATES OF AMERICA		
32a. SIGNATURE OF PERSON AUTHORIZED TO SIGN N/A - SIGNATURE NOT REQUIRED ON THIS AWARD			33a. SIGNATURE OF AWARDOFFICER		
32b. NAME AND TITLE OF SIGNER			33b. NAME AND TITLE OF AWARD OFFICER Diane Gales		
32c. DATE SIGNED			33c. DATE SIGNED 30-OCT-14		

FINANCIAL ACCOUNTING DATA SHEET - NAVY

1. CONTRACT NUMBER (CRITICAL) N00014-11-1-0625		2. SPIN (CRITICAL)		3. MOD (CRITICAL) P00008		4. PR NUMBER 15PRO1330-01							
6. LINE OF ACCOUNTING													
CLIN/SIN	A. ACRN (CRITICAL)	B. APPROPRIATION (CRITICAL)	C. SUBHEAD (CRITICAL)	D. OBJ CLA	E. PARM	F. RFM	G. SA	H. AAA (CRITICAL)	I. IT	J. PAA	K. COST CODE PROJ UNIT MCC POLJ & SIF	7. AMOUNT (CRITICAL)	NAVY INTERNAL USE ONLY REF DOC/ACRN
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PAGE TOTAL \$.00													
GRAND TOTAL \$.00													
PREPARED/AUTHORIZED BY:										COMPTROLLER APPROVAL: FOR FISCAL DATA AND SIGNATURE BY _____ DATE: _____			
										for COMPTROLLER, ONR CONTRACT REVIEWED			

FINANCIAL ACCOUNTING DATA SHEET – NON-NAVY DoD ACTIVITIES

1. CONTRACT NUMBER (CRITICAL) N00014-11-1-0625	2. SPIIN (CRITICAL)	3. MOD (CRITICAL) P00008	4. PR NUMBER 15PR01330-01		NAVY INTERNAL USE ONLY REF DOC/ACRN
5. CLIN/SLN	6. ACRN (CRITICAL)	7.	ACCOUNTING CITATION	8. AMOUNT (CRITICAL)	
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				PAGE TOTAL	\$. 00
				GRAND TOTAL	\$. 00
PREPARED/AUTHORIZED BY: _____ DATE: _____					
COMPTROLLER APPROVAL: FOR FISCAL DATA AND SIGNATURE BY: _____ DATE: _____ for COMPTROLLER, ONR CONTRACT REVIEWED					

AWARD NO.
N00014-11-1-0625

SPECIAL REQUIREMENTS

MODIFICATION NO.
P00008

The purpose of this modification is to correct administrative error revise Block 16 FUNDING to read as shown under grant N00014-11-1-0625.

All other terms and conditions of this grant remain unchanged.

AWARD/CONTRACT		1. THIS CONTRACT IS A RATED ORDER UNDER DFAS (15 CFR 850)	RATINGS DO-CB(U)	PAGE OF PAGES 1 15
2. CONTRACT (PROC. INST. FORM) NO. N00014-04-C-0074		3. EFFECTIVE DATE SEE BLOCK 20.C.	4. REQUISITION/PURCHASE REQUEST/PROJECT NO. 04PR03821-00	
5. ISSUED BY OFFICE OF NAVAL RESEARCH ONR 254 BRIAN K. MURPHY (703)886-0030 E-mail brim_murphy@onr.navy.mil BALLSTON TOWER ONE 800 NORTH QUINCY STREET ARLINGTON, VA 22217-5660	CODE N00014	8. ADMINISTERED BY (If other than Item 5) DCM Pittsburg Moorhead Federal Building, Room 1612 1000 Liberty Avenue Pittsburg, PA 15222-4180		CODE 33011A
7. NAME AND ADDRESS OF CONTRACTOR (No., street, city, country, State and ZIP Code) SIMPLY SPARSE TECHNOLOGIES 59 DELROSE DRIVE MORGANTOWN, WV 26508-0948			9. DELIVERY See SECTION F of Schedule <input type="checkbox"/> FOR ORIGIN <input checked="" type="checkbox"/> DESTINATION 10. DISCOUNT FOR PROMPT PAYMENT N.A.	

ORIGINAL

11. SHIP TO/MARK FOR Program Officer, Luisa Couchman Code 834, Office of Naval Research Ballston Tower One, BCT1, Rm 528 800 North Quincy Street Arlington, Virginia 22217-5660	CODE N00014	12. PAYMENT WILL BE MADE BY DFAS COLUMBUS CENTER DFAS CO NORTH ENTITLEMENT OPERATIONS PO BOX 182265 COLUMBUS, OH 43218-2265	CODE H00037
13. AUTHORITY FOR ORDER OTHER THAN FULL AND OPEN COMPETITION <input type="checkbox"/> 10 U.S.C. 2304(c) <input type="checkbox"/> 41 U.S.C. 253(c) ()		14. ACCOUNTING AND APPROPRIATION DATA SEE ATTACHED FINANCIAL ACCOUNTING DATA (FAD) SHEET(S)	
15A. (MAND.) See Section B of Schedule	15B. SUPPLIES/SERVICES	15C. QUANTITY	15D. UNIT
		15E. UNIT PRICE	15F. AMOUNT
		15G. TOTAL AMOUNT OF CONTRACT See Section B of Schedule	

16. TABLE OF CONTENTS			
(P)	SEC.	PAGE(S)	DESCRIPTION
PART I - THE SCHEDULE			
✓	A	1	SOLICITATION/CONTRACT FORM
✓	B	2	SUPPLIES OR SERVICES AND PRICES/COATS
✓	C	3	DESCRIPTION/WORK STATEMENT
✓	D	4	PACKAGING AND MARKING
✓	E	5	INSPECTION AND ACCEPTANCE
✓	F	6	DELIVERIES OR PERFORMANCE
✓	G	7	CONTRACT ADMINISTRATION DATA
✓	H	8	SPECIAL CONTRACT REQUIREMENTS
CONTRACTING OFFICER WILL COMPLETE ITEM 17 OR 18 AS APPLICABLE			
PART II - CONTRACT CLAUSES			
✓	I	9	CONTRACT CLAUSES
PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACH.			
✓	J	10	LIST OF ATTACHMENTS
PART IV - REPRESENTATIONS AND INSTRUCTIONS			
✓	K	11	REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS
✓	L	12	INSTR. COND. AND NOTICES TO OFFERORS
✓	M	13	EVALUATION FACTORS FOR AWARD

17. <input checked="" type="checkbox"/> CONTRACTOR'S NEGOTIATED AGREEMENT (Contractor is required to sign this document and return it to the contracting officer.) Contractor agrees to furnish and deliver all items or perform all the services set forth or otherwise identified above and on any continuation sheets for the consideration stated herein. The rights and obligations of the parties to this contract shall be subject to and governed by the following documents: (A) this award contract, (B) the solicitation, if any, and (C) such provisions, representations, certifications, and specifications, as are attached or incorporated by reference herein. (Attachments are listed herein.)		18. <input type="checkbox"/> AWARD (Contractor is not required to sign this document.) Your offer on Solicitation Number _____, including the additions or changes made by you which additions or changes are set forth in all above, is hereby accepted as to terms stated above and on any continuation sheets. This award constitutes the contract which consists of the following documents: (a) the Government's solicitation and your offer, and (b) this award contract. No further document is necessary.	
19A. NAME AND TITLE OF SIGNER (Type or print) Dr. Francis X. Canning Sole Proprietor		20A. NAME OF CONTRACTING OFFICER R. Brian Bradley Contracting Officer	
19B. NAME OF CONTRACTOR Simply Sparse Technologies		20B. DATE SIGNED March 19, 2004	
21. DATE SIGNED MAR 19 2004		22. DATE SIGNED MAR 19 2004	

AWARD/CONTRACT		1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 350)		RATING DO-C9(U)		PAGE OF PAGES 1 15	
2. CONTRACT (PROC. INST. IDENT.) NO. N00014-04-C-0074		3. EFFECTIVE DATE SEE BLOCK 20.C.		4. REQUISITION/PURCHASE REQUEST/PROJECT NO. 04PR03521-00			
5. ISSUED BY OFFICE OF NAVAL RESEARCH ONR 254 BRIAN K. MURPHY (703)696-0030 E-mail brian_murphy@onr.navy.mil BALLSTON TOWER ONE 800 NORTH QUINCY STREET ARLINGTON, VA 22217-5660		CODE N00014		6. ADMINISTERED BY (if other than item 5) DCM Pittsburg Moorhead Federal Building, Room 1612 1000 Liberty Avenue Pittsburg, PA 15222-4190		CODE S3911A	
7. NAME AND ADDRESS OF CONTRACTOR (No., street, city, country, State and ZIP Code) SIMPLY SPARSE TECHNOLOGIES 59 DELROSE DRIVE MORGANTOWN, WV 26508-0948				8. DELIVERY See SECTION F of Schedule <input type="checkbox"/> FOB ORIGIN <input checked="" type="checkbox"/> DESTINATION			
				9. DISCOUNT FOR PROMPT PAYMENT N.A.			
				10. SUBMIT INVOICES (4 copies unless otherwise specified) TO THE ADDRESS SHOWN IN:		ITEM See Section G	
CODE 1GYT5		FACILITY CODE					
11. SHIP TO/MARK FOR Program Officer, Luise Couchman Code 334, Office of Naval Research Ballston Tower One, BCT1, Rm 528 800 North Quincy Street Arlington, Virginia 22217-5660		CODE N00014		12. PAYMENT WILL BE MADE BY DFAS COLUMBUS CENTER DFAS CO NORTH ENTITLEMENT OPERATIONS PO BOX 182266 COLUMBUS, OH 43218-2266			
13. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION <input type="checkbox"/> 10U.S.C.2304(c)() <input type="checkbox"/> 41U.S.C. 253(C) ()				14. ACCOUNTING AND APPROPRIATION DATA SEE ATTACHED FINANCIAL ACCOUNTING DATA (FAD) SHEET(S)			
15A. ITEM NO.	15B. SUPPLIES/SERVICES		15C. QUANTITY	15D. UNIT	15E. UNIT PRICE	15F. AMOUNT	
	See Section B of Schedule						
15G. TOTAL AMOUNT OF CONTRACT						See Section B of Schedule	
16. TABLE OF CONTENTS							
(✓)	SEC.	PAGE(S)	(✓)	SEC.	DESCRIPTION	PAGE(S)	
PART I - THE SCHEDULE			PART II - CONTRACT CLAUSES				
✓	A	SOLICITATION/CONTRACT FORM	1	✓	I	CONTRACT CLAUSES	7-15
✓	B	SUPPLIES OR SERVICES AND PRICES/COSTS	2	PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACH.			
✓	C	DESCRIPTION/SPECS./WORK STATEMENT	2				
✓	D	PACKAGING AND MARKING	2	✓	J	LIST OF ATTACHMENTS	15
✓	E	INSPECTION AND ACCEPTANCE	2	PART IV - REPRESENTATIONS AND INSTRUCTIONS			
✓	F	DELIVERIES OR PERFORMANCE	2				
✓	G	CONTRACT ADMINISTRATION DATA	3-5	✓	K	REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS	15
✓	H	SPECIAL CONTRACT REQUIREMENTS	5-7	✓	L	INSTRS., CONDS., AND NOTICES TO OFFERORS	
				✓	M	EVALUATION FACTORS FOR AWARD	
CONTRACTING OFFICER WILL COMPLETE ITEM 17 OR 18 AS APPLICABLE							
17. <input checked="" type="checkbox"/> CONTRACTOR'S NEGOTIATED AGREEMENT (Contractor is required to sign this document and return 2 copies to issuing office.) Contractor agrees to furnish and deliver all items or perform all the services set forth or otherwise identified above and on any continuation sheets for the consideration stated herein. The rights and obligations of the parties to this contract shall be subject to and governed by the following documents: (a) this award/contract, (b) the solicitation, if any, and (c) such provisions, representations, certifications, and specifications, as are attached or incorporated by reference herein. (Attachments are listed herein.)				18. <input type="checkbox"/> AWARD (Contractor is not required to sign this document.) Your offer on Solicitation Number , including the additions or changes made by you which additions or changes are set forth in full above, is hereby accepted as to items listed above and on any continuation sheets. This award consummates the contract which consists of the following documents: (a) the Government's solicitation and your offer, and (b) this award/contract. No further document is necessary.			
19A. NAME AND TITLE OF SIGNER (Type or print)				20A. NAME OF CONTRACTING OFFICER			
19B. NAME OF CONTRACTOR		19C. DATE SIGNED		20B. UNITED STATES OF AMERICA		20C. DATE SIGNED	
BY (Signature of person authorized to sign)				BY (Signature of Contracting Officer)			

SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

ITEM NO.	SUPPLIES/SERVICES	ESTIMATED COST	FIXED FEE	TOTAL ESTIMATED COST & FIXED FEE
0001	The Contractor shall furnish the necessary personnel and facilities to conduct the research effort and provide reports and data as described in Section C.			\$564,968.00
000101	ACRN: AA [REDACTED]			
TOTAL ESTIMATED CONTRACT CONSIDERATION:				\$564,968.00

SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

1. The research effort to be performed hereunder shall be subject to the requirements and standards contained in Exhibit A and the following paragraph(s).
2. The Contractor shall conduct the research effort under CLIN 0001 in accordance with Attachment Number 1, entitled "Statement of Work".

SECTION D - PACKAGING AND MARKING

Preservation, packaging, packing and marking of all deliverable contract line items shall conform to normal commercial packing standards to assure safe delivery at destination.

SECTION E - INSPECTION AND ACCEPTANCE

Inspection and acceptance of the final delivery under this contract will be accomplished by the Program Officer designated in Section F of this contract, who shall have thirty (30) days after contractual delivery for acceptance.

SECTION F - DELIVERIES OR PERFORMANCE

1. The research effort performed under CLIN 0001 shall be conducted from date of contract award through 31 March 2007.
2. Distribution, consignment and marking instructions for all contract line items shall be in accordance with Enclosure Number 1 of Exhibit A and the following:

Program Officer
Office of Naval Research
Ballston Tower One
800 North Quincy Street
Arlington, Virginia 22217-5660
Attn: Luise Couchman Code: 334
Ref: Contract N00014-04-C-0074